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I hereby certify that this application, and any other documents referred to as enclosed herein are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Date: November 12, 2003By: Sharyl Brown

Sharyl Brown

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: PAN ET AL.

APPLICATION NO.: Not Yet Assigned

FILED: HEREWITH

FOR: **TERAHERTZ PHASE SHIFTER OR RETARDED  
BASED ON MAGNETICALLY CONTROLLED  
BIREFRINGENCE IN LIQUID CRYSTALS**

EXAMINER: NOT YET ASSIGNED

ART UNIT: NOT YET ASSIGNED

CONF. NO: NOT YET ASSIGNED

22241 U.S. PTO  
10/706097  
111203

**Transmittal of Utility Patent Application  
for Filing Under 37 CFR §1.53(b)**

**Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**

Sir: Transmitted herewith for filing is a patent application by inventor: Ci-Ling Pan, Ru-Pin Chao, Chao-Yuan Chen, and entitled:

**TERAHERTZ PHASE SHIFTER OR RETARDED BASED ON  
MAGNETICALLY CONTROLLED BIREFRINGENCE IN LIQUID  
CRYSTALS**

1. Enclosed are:

- ☒ This Transmittal letter
- ☒ One stamped, self-addressed postcard for PTO datestamp
- ☒ Certificate of Express Mail
- ☒ Check No. 1903 in the amount of \$425.00
- ☒ One utility patent application containing text pages 10 and
  - ☒ 3 Sheets of drawings
- ☒ Declaration and Power of Attorney (executed)
- ☒ Assignment Recordation Cover Sheet and Assignment
- ☒ Certified copy of Republic of China Patent No. 09220970290
- ☒ Return postcard

2. Foreign Priority

This application claims foreign priority benefits under 35 U.S.C. § 119 of Republic of China Application No. 092120650, filed on July 29, 2003, now issued as Patent No. 09220970290, on September 29, 2003.

3. Fees

The filing fee has been calculated as shown below:

For:	(Col. 1) No. Filed	(Col. 2) No. Extra	Small Entity			Other Than a Small Entity	
			Rate	Fee		Rate	Fee
Basic Fee			\$385.00	385.00	or	770.00	\$
Total Claims	9 - 20	0	x \$ 9 =		or	x \$ 18 =	\$
Independent Claims	1 - 3	0	x \$43 =		or	x \$ 86 =	\$
<input checked="" type="checkbox"/> Recordation of Assignment			\$40.00	40.00	or		\$
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			TOTAL	425.00	or	TOTAL	\$

- ☒ Applicant claims small entity status. See 37 CFR §1.27.
- ☒ Check No. 1903 in the amount of \$425.00 is enclosed for the basic filing fee and recordation of Assignment.
- ☒ The Commissioner is hereby authorized to charge any underpayment of fees , or credit any overpayment to Deposit Account No. 50-2207. A duplicate sheet is attached.

Respectfully submitted,  
Perkins Coie LLP



Brian R. Coleman  
Registration No. 39,145

Date: November 12, 2003

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